BR 49

29.6.20

Original/Duplicate/Triplicate

AEE/BSD/SBR=03/20-21

CONTRACT CERTIFICATE

First and Final Bill (For Other Works) Head of Account:

Division: EE Byatrayanapura Div Sub divisi AEE Byatrayanapura Div 05/6/2020

Bill Received No. .....Date..... Cash Book Voucher No..... dated.....

Scheduled Docted No.

Name of Work (as per sanctioned estimate): **Package 2 Includes 3 Works Rs.100.00lakhs**

Name of Contractor and Full Address: **M/S Sathya Construction, No 600, Down Bazaar Road, Yelahanka Bangalore-5600644**

Reference to Work order No. BBMP/EE/BTP/WO/205/2018-19 Dt 03-01.2019

Certified that the measurement were taken by me on 15.05.2020 and recorded of pages.

Contractor : Officer-In-Charge of work

Certified that the measurements were taken by me on 15/5/2020 are found correct and the work is

Certified that the quantities of materials shown in column 3 of Account II have been actually brought to site of the II Memorandum of Payment

Sub-Division Officer

1) Total value of work done or supplies made as per account within		
2) Deduct amount to be held in reserve being.....percent Rs.....		
3) Deduct amount to be held in Balance		
4) Deduct Payments:	964786	=00
a) Amount of previous payment as in the office Cash Book Voucher No.....Dated .....S.D No.....	IT 96418	=00
Amount adjusted towards cash advance recovery of	LC 96418	=00
b) Payments cost store or other materials supplied	CBF 9642	=00
Now made recovery of amount creditable to this/other work	CGST 86088	=00
Amount paid on this bill Cheque/Cash	SGST 86088	=00
5) Balance being unpaid value of work done held in reserve	R.L 95253	=00
6) Deduct cash advance made on the Office Cash Book Voucher No..... dated..... less adjustments	fine 10000	=00
7) Net amount due to or from contractor	TD 479907	=00
Unadjusted items		
8) Advance to contractor for materials brought to site (as detailed) with Value of Government materials supplied	Net 9161879	=00

Contractor's Signature

Received **Rs.**

by cash and by adjustment of Payment as per memorandum.

Witnesses:

1

2

Stamp

Dated..... Signature of Contractor

(For use in the Office)

Paid by me by cheque No.....dated.....

Cast Rs.....dated.....

Initials of Officer making payment Executive Engineer

P-3316 ರಡಿ

964786=00 ಪಾವತಿಸಲು ಪಾವು ಮಾಡಿದೆ.

479907=00 ಹೊಂದಾಣಿಕೆ

9161879=00 ರವನ್ನು

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16/06

BRUHAT BANGALORE MAHANAGARA PALIKE

YALAHANKA ZONE , BYATARAYANAPURA DIVISION

Job Code : 006-18-000031,006-18-000033,006-18-000037.

Contractor- M/S Sathya constructions.

Name of Work: Package 2 Includes 3 Works Rs.100.00lakhs.

Bill No :- First and Final Bill

BOQ NO	Description of item	BOQ Qty	Unit	BOQ RATE	Amount	Previous Bill		Present Bill		Total claimed up to this bill	
						Qnty	Amount	Qnty	Amount	Qnty	Amount
1	KSRRB M300-1. Earth work excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface levelled and sides neately dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specification. MORTH / Chapter 3 (P.No.142, I.No.19.1 of PW, P&IWTD SR 2016-17)	758.40	cum	201.67	152,947.00	0.00	0.00	758.40	152,946.53	758.40	152,946.53
2	Removing and refixing stone slabs of drains and pointing in CM (1:3) (P.No.25, I.No.5.33 of PW, P&IWTD SR 2016-17)	1925.77	sqm	86.92	167,388.00	0.00	0.00	1925.77	167,387.93	1925.77	167,387.93
3	Providing granite Slabs of Selected quality roughly dressed and fixed in cement mortor (1:6) including fixing curing etc,. Complete. 7.5cms thick (P.No.25, I.No.5.31.1 of PW, P&IWTD SR 2016-17)	695.48	sqm	718.20	499,494.00	0.00	0.00	694.80	499,005.36	694.80	499,005.36
4	KSRB 4-1.2: Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.892 cum and fine aggregates @ 0.465 cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 (P.No.12, I.No.4.2 of PW,P&IWTD S.R 2016-17)	280.07	cum	5770.78	1,616,222.00	0.00	0.00	280.07	1,616,222.35	280.07	1,616,222.35
5	KSRB 4-6.1: Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specifications. Specifcation No. KBS 4.6.2 (P.No.15, I.No.4.28 of PW, P&IWTD S.R 2016-17)	60.60	sqm	264.18	16,009.00	0.00	0.00	58.80	15,533.78	58.80	15,533.78
6	KSRB 4-6.4: Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surfaces such as walls at any thickness, including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specifications. Specification No.KBS 4.6.2 (P.No.15, I.No.4.28 of PW, P&IWTD S.R 2016-17)	484.80	sqm	335.08	162,447.00	0.00	0.00	484.80	162,446.78	484.80	162,446.78

7	Providing and laying cement concrete using 20 mm and down size granite coarse aggregates and fine aggregates of ready mixed concrete (RMC) M 20 for R.C.C works laid in 15 cms thick layers and well compacted vibrating, curing, for raft foundation column footing , main and secondary beams with all lead and lifts etc., complete (exclusive of cost of steel and fabrication charges.)Ready mixed concrete M20 for Raft foundation,column,footing,main and secondary beams(P.No.18, I.No.4.48 of PW, P&IWTD S.R 2016-17)	63.63	cum	6723.42	427,811.00	0.00	0.00	63.62	427,743.98	63.62	427,743.98
8	KSRB - 4.9.2: Providing TMT steel Fe500 reinforcement for R.C.C work including straightening, cutting, bending, hooking, palcing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining memebrs wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3. (P.No.17, I.No.4.46.2 of PW, P&IWTD S.R 2016-17)	2.87	tonne	79505.44	228,181.00	0.00	0.00	2.74	217,844.91	2.74	217,844.91
9	Providing and fixing RCC Precast cover slab of 250mm thick for drain in cement concrete M20 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge. (Data Rate)	25.20	sqm	5736.51	144,560.00	0.00	0.00	25.20	144,560.05	25.20	144,560.05
10	KSRRB M300-14. Excavation for roadwork in soil with hydraulic excavator of 0.90 cum bucket capacity including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to embankment location and complete as per specifications. MORTH Specification No.301 (P.No.143, I.No.19.14 of PW,P&IWTD S.R 2016-17)	1081.68	cum	160.50	173,610.00	0.00	0.00	1,081.68	173,609.64	1081.68	173,609.64
11	KSRRB M 400-17, Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechaniqal mix plant carriage ' of mixed Material by tipper to site, laying in uniform layers with paver in sub- base/ base course on well prepared surface and compacting with vibratory roller to achieve the desired density.complete as per specifications. MORTH Specification No. 406 (P.No.158, I.No.20.18 of PW,P&IWTD SR 2016-17)	915.59	cum	1907.58	1,746,561.00	0.00	0.00	915.59	1,746,559.26	915.59	1,746,559.26
12	KSRRB M 500-6, Providing and applying primer coat with SS bitumen emulsion on prepared surface of granular Base such as WBM WMM including clearing of road surface and spraying primer at the rate of 0.60 kglsqm using mechanical means complete as per specifications. As per MORTH specification clause No. 502 (P.No.161, I.No.21.6 of PW,P&IWTD SR 2016-17)	3874.70	sqm	32.02	124,068.00	0.00	0.00	3,874.68	124,067.25	3874.68	124,067.25

13	KSRRB 500-2. Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatment including cost of all materials, labour, HOM of machineries complete as per specifications. MORTH specification clause 501 (P.No.161 I.No.21.2 of PW,P&IWTD SR of 2016-17)	850.30	sqm	3.43	2,917.00	0.00	0.00	850.00	2,915.50	850.00	2,915.50
14	KSRRB M500-7 : Providing and applying tack coat using 80/100 grade bitumen (VG10) on prepared black topped surfaces at 2.5 Kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications.MORTH / Chapter 5 (P.No.161 I.No.21.7 of PW,P&IWTD SR of 2016-17)	4885.00	sqm	13.72	67,022.00	0.00	0.00	4,885.00	67,022.20	4885.00	67,022.20
15	KSRRB M500-17. Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH table 500-10 complete in all respects complete as per specifications.. MORTH Specification No. 507 - using 40/60 TPH capacity H.M.P. with Mechanical paver Gr-II (50 mm to 75 mm) with 4.5 % VG-30 Bitumen (P.No.163 of I.No.21.27.6 in PW,P&IWTD S.R 2016-17)	8.00	cum	7591.44	60,732.00	0.00	0.00	8.00	60,731.52	8.00	60,731.52
16	KSRRB M500-19. Providing and laying bituminous concrete 30-40 mm compacted thickness with VG30 Bitumen grade using 40-60 HMP using crushed aggregates of grading II, premixed with bituminous binder at 5.4% of mix and filler, transporting the hot mix to work site, laying with a mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRT&H specification clause No. 500.9 complete in all respects as per specifications. MORTH Specification No. 509 (P.No.165 of I.No.21.22.6 in PW,P&IWTD S.R 2016-17)	189.00	cum	8645.87	1,634,069.00	0.00	0.00	189.00	1,634,034.85	189.00	1,634,034.85
17	KSRRB M800-13. Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. MORTH Specification No. 803.(P.No.185, I.No.24.15 of PW,P&IWTD SR 2016-17)	171.00	sqm	585.54	100,127.00	0.00	0.00	170.50	99,834.57	170.50	99,834.57
18	KSRB 5.2-3: Providing and constructing granite size stone masonry in foundation cement mortor 1:6, stone hammered dressed in courses not less than 20cms high, bond stones at 2m. apart in each course including cost of materaials, labour, curing complete as per specifications. Specifcation No. KBS 5.1.13.(using available stones) (P.No.23, I.No.5.6 of PW, P&IWTD S.R 2016-17)	13.44	cum	4788.40	64,356.00	0.00	0.00	13.41	64,212.44	13.41	64,212.44

19	KSRB 15.1.1 Providing flush pointing to square rubble, course or uncoursed stone masonry with cement mortar 1:3, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications. (P.No.113, I.No.15.1 of PW, P&IWTD S.R 2016-17)	22.40	sqm	110.93	2,485.00	0.00	0.00	22.40	2,484.83	22.40	2,484.83
20	KSRB 4-1.6: Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregates @ 0.459 cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2. (P.No.12, I.No.4.6 of PW,P&IWTD S.R 2016-17)	1.68	cum	6222.51	10,454.00	0.00	0.00	1.68	10,453.82	1.68	10,453.82
21	Providing and fixing RCC Precast cover slab of 100mm thick for drain in cement concrete M20 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge. (Data Rate)	181.80	sqm	1960.36	356,393.00	0.00	0.00	181.80	356,393.45	181.80	356,393.45
22	Cement concrete pavement.Construction of un-reinforced plain cement concrete pavement, thickness as per design, over a prepared sub base with OPC cement or any other type as per clause 1051.2.2 design mix M20/M30 , with 25mm and down size graded granite metal coarse aggregates and fine aggregtes , with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008 , mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished in a continuous operation including provision of contraction, expansion, construction and longitudinal joints including groove cutting charges, joint filler, separation membrane, selant primer, joint sealant, admixtures as approved, curing compound, finishing to lines and grades as per drawing complete as per specifications. - M20 (at 300Kg per cum coarse aggregate @ 0.64cum and fine aggregate @ 0.43cum) (P.No.176, I.No.22.6.2 of PW,P&IWTD SR 2016-17)	169.10	cum	6708.56	1,134,417.00	0.00	0.00	168.95	1,133,411.21	168.95	1,133,411.21
23	Vaccum de-watering with vaccum pump and suction mat and compaction with skin floater clubbed with floating disc including cost of generator, HOM of machinery, Screed Vibratory, Power Floater, blade and disc etc., with all lead and lift.(P.No.177, I.No.22.7 of PW, P&IWTD SR 2016-17)	1691.00	sqm	102.93	174,055.00	0.00	0.00	1,689.54	173,904.35	1689.54	173,904.35

24	KSRRB M2100-1.1. Earth work in excavation for foundation of structures as per drawing and technical specifications, including setting out, construction of shoring and bracing, removal of stumps and other deleterious matter, dressing of sides and bottom and backfilling with approved material complete as per specifications I. Ordinary soil - A . Manual Means (i) Depth upto 3m MORTH Specification No. 304 (P.No.209, I.No.27.1 of PW, P&IWTD S.R 2016-17)	74.24	cum	248.56	18,453.00	0.00	0.00	74.24	18,453.09	74.24	18,453.09
25	KSRB 2.8 : Providing and Filling in foundation with granite / trap broken metal 100mm. and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift. complete as per specifications. specification. No. KBS (P.No.6, I.No.2.15 of PW, P&IWTD S.R 2016-17)	13.92	cum	2417.64	33,654.00	0.00	0.00	13.92	33,653.55	13.92	33,653.55
26	KSRRB M2100-13. Plain / Reinforced Cement Concrete M15 with OPC cement @ 240kgs, with 40mm and down size graded granite metal coarse aggregates @0.84cum and fine aggregates @ 0.56cum in Open Foundation complete as per Drawing and Technical Specifications MORTH Specification No. 1500,1700 & 2100 (P.No.211, I.No.27.24 of PW, P&IWTD S.R 2016-17)	5.52	cum	6492.56	35,839.00	0.00	0.00	5.52	35,838.93	5.52	35,838.93
27	Diversion of water course by providing Coffer dams or bunds or islands as may be necessary for piers and abutments foundations, bailing out or pumping water during excavation and until completion etc., complete. - - beyond 1.50 mtrs depth upto & including 3m depth. (P.No.257, I.No.37.41.2 of PW, P&IWTD S.R 2016-17)	10.20	cum	377.40	3,849.00	0.00	0.00	0.00	0.00	0.00	0.00
28	KSRRB M2100-20.2. Plain / Reinforced Cement Concrete in Open Foundation with OPC cement design mix M35 @ 390kgs, with 20mm and down size graded granite metal coarse aggregates @0.68cum and fine aggregates @ 0.45cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008. case II : With Batching Plant, Transit Mixer and Concrete Pump MORTH Specification No. 1500,1700 & 2100 (P.No.213, I.No.27.37. of PW, P&IWTD S.R 2016-17)	12.25	cum	7377.58	90,361.00	0.00	0.00	12.25	90,375.36	12.25	90,375.36
29	KSRRB M2200-5.18.Design mix M35 with OPC cement @ 390kgs, with 20mm and down size graded granite metal coarse aggregates @0.68cum and fine aggregates @ 0.45cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008 - i) U pto 5m height, (P.No.214, I.No.28.7.18 of PW, P&IWTD S.R 2016-17)	21.58	cum	8310.79	179,380.00	0.00	0.00	21.30	177,019.83	21.30	177,019.83

30	KSRRB M2200- TMT/MS Bar Reinforcement KSRRB M2200-6. Supplying, fitting and placing TMT bar reinforcement in sub-structure complete as per drawing and Technical Specifications complete as per specificationsMORTH Specification No.1600 & 2200 - TMT Bars Fe 500 (P.No.214, I.No.28.8.2 of PW, P&IWTD S.R 2016-17)	3.72	tonne	62673.43	233,239.00	0.00	0.00	3.72	233,145.16	3.72	233,145.16
					9661100.00				9,641,786.54		9,641,786.54
		Amount in Words		Rupees Ninety Six Lakh Forty One Thousand Seven Hundred Eighty Six and Paise Fifty Four Only							

Certificate:

1 Certified that the contractor has done the work satisfactorly
2 Certified that the debris has been removed from the site
3 Certified that the No dues from the contractor
4 Certified that the above item of the work were not claimed in any other bill

Tejus Consultant

Assistant Engineer

Assistant Executive Engineer

Executive Engineer